FIG. 1

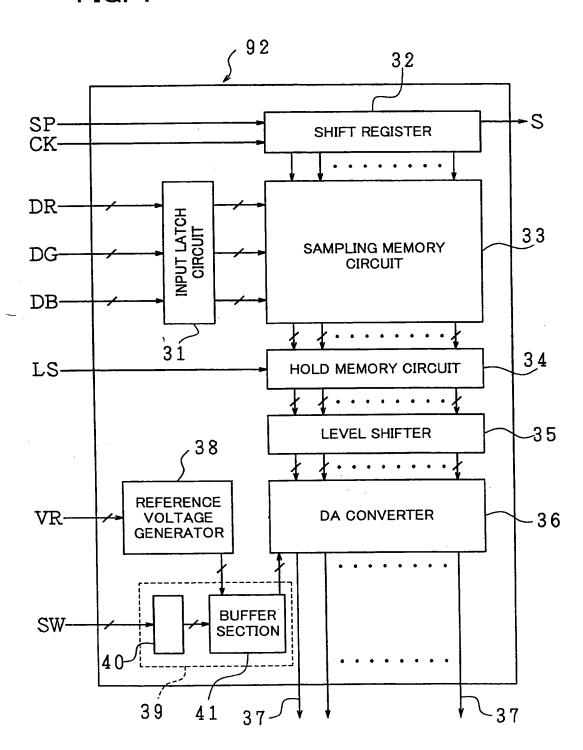


FIG. 2

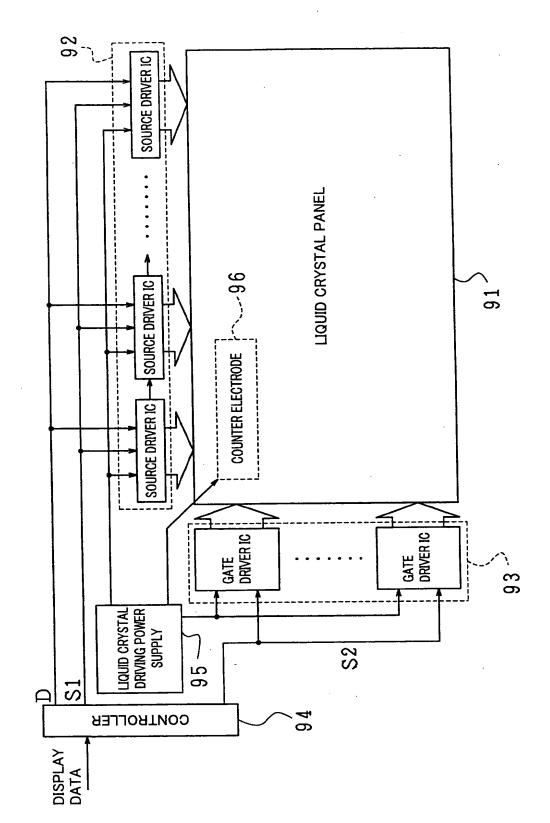
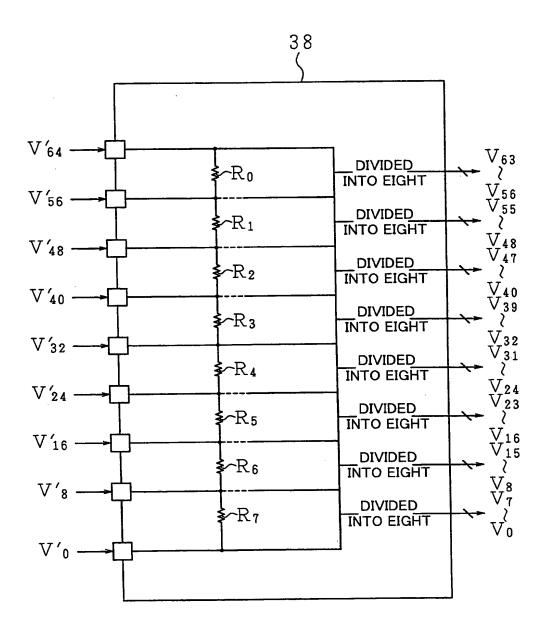


FIG. 3



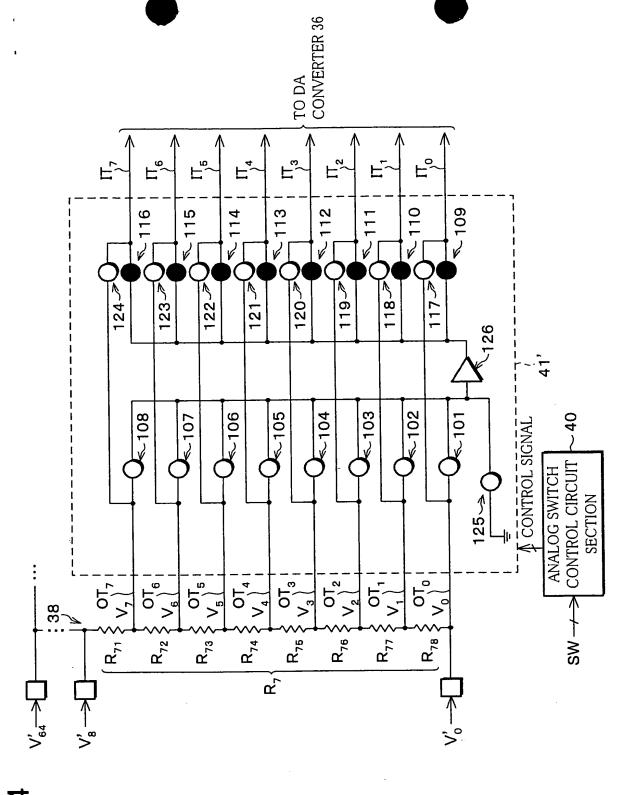
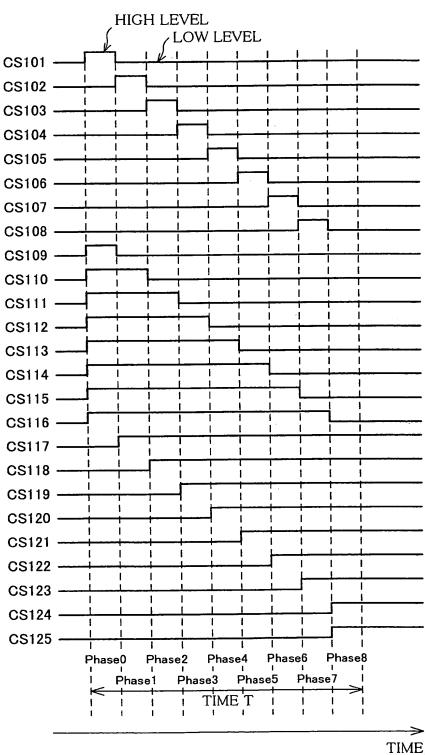


FIG. 1

FIG. 5



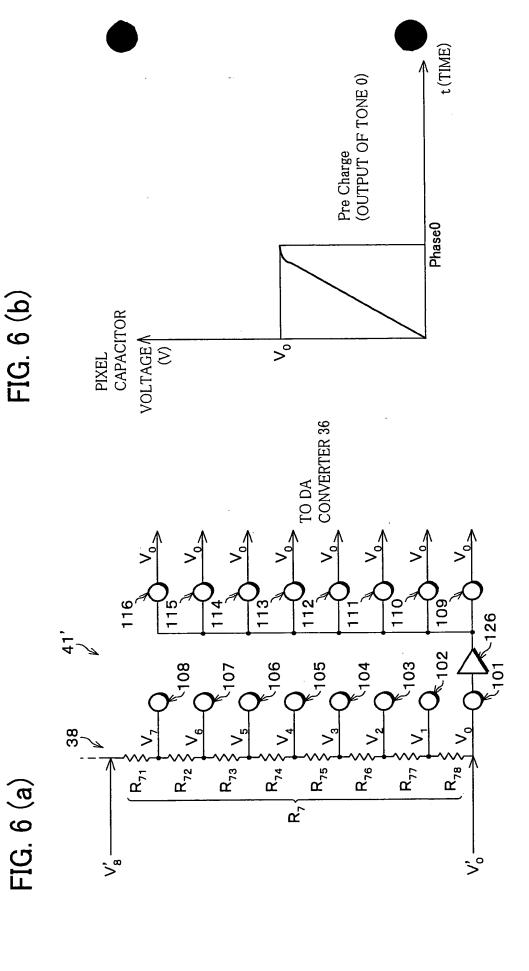


FIG. 7 (b)

FIG. 7 (a)

t(TIME) Pre Charge (OUTPUT OF TONE 1) Phase 1 PIXEL CAPACITOR VOLTAGE ↑ (V) >^° TO DA CONVERTER 36 116 126 /104 106 105 102 107 $\mid R_{73} \lessapprox V_{5}$ $|R_{74} \gtrsim \frac{1}{4}$ R₇₈ \$ | R₇₂ \$ I R₇₆ \$ 1 R₇₁ \$ R,77 R₇₅ Α,

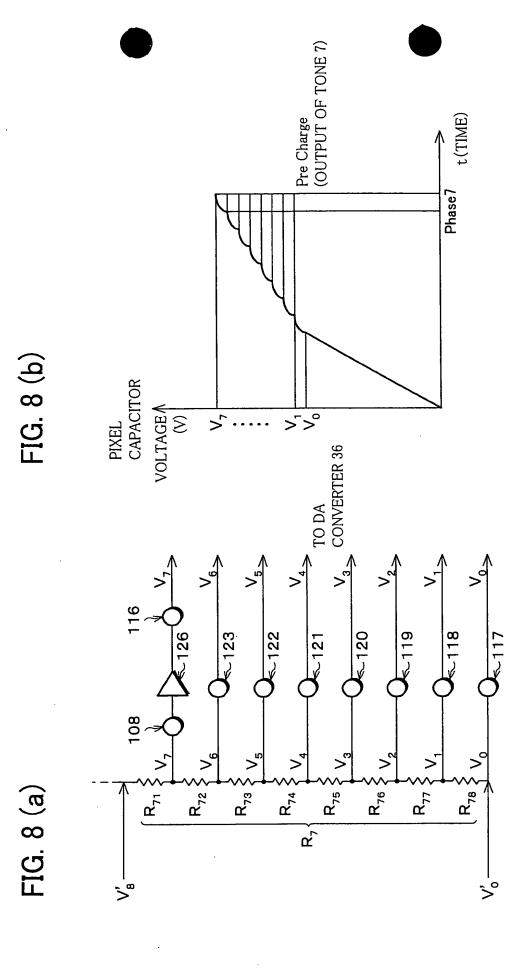


FIG. 9 (b)

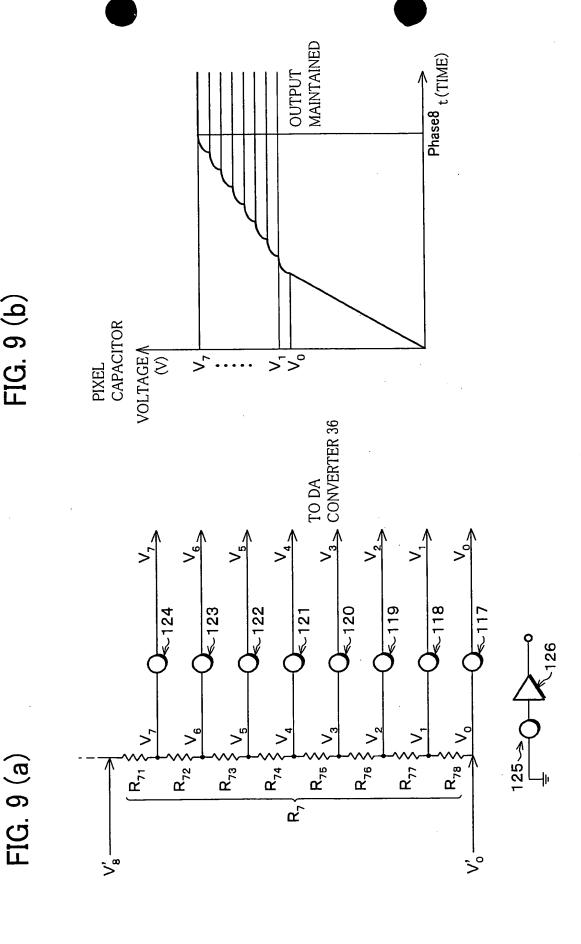


FIG. 10

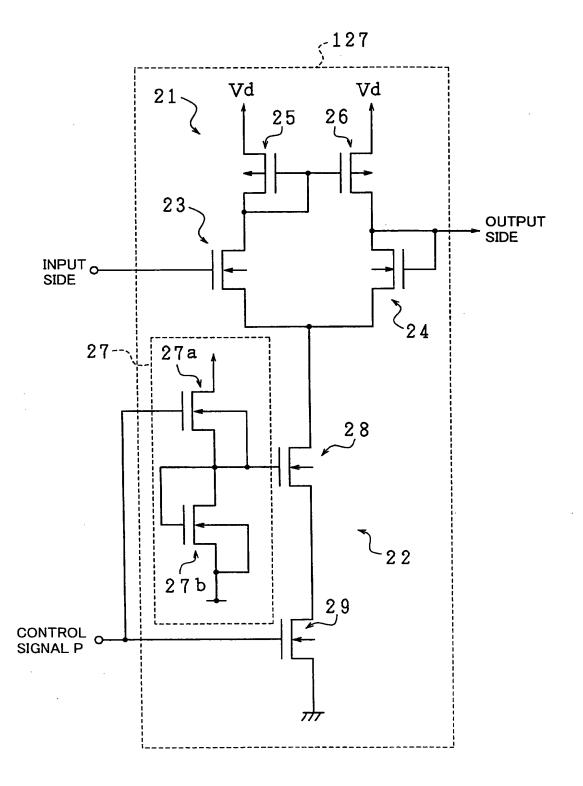
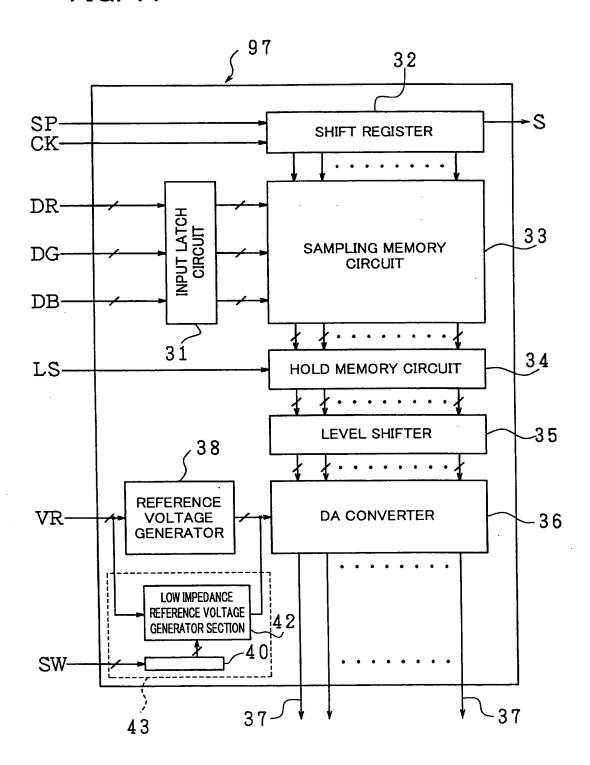


FIG. 11



CONVERTER 36 TO DA £115 1114 £113 1112 £111 ₹ 110 ₹ 109 118 124~ 123~ 12021 119~ 121 122~ ₹10e ₹~104 ~108 ₹105 ₹103 <-102 ₹107 TCONTROL SIGNAL CONTROL CIRCUIT ANALOG SWITCH R,'S (R'₂₈ R_{75}^{\prime} $|\mathsf{R}'_{77}\}$ R,4 44 OŢ₅ ; OT₃ OŢ2 ; OŢo I OTe o T $R_{78} \gtrsim 1$, R₇₇ \$ (R₇₁ \$ 1 R₇₂ < I R₇₃ < I R_{75 <} 1 R₇₆ < 1 R₇₄ > **R**

SECTION

FIG. 13

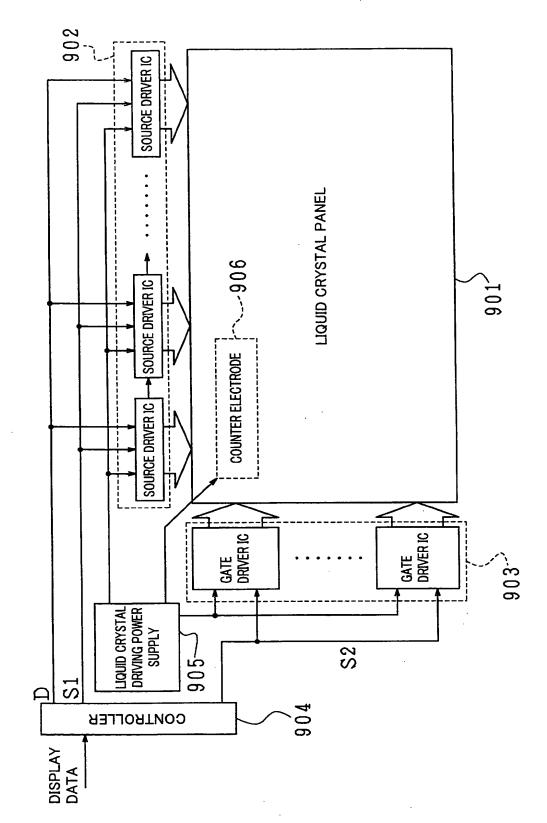


FIG. 14

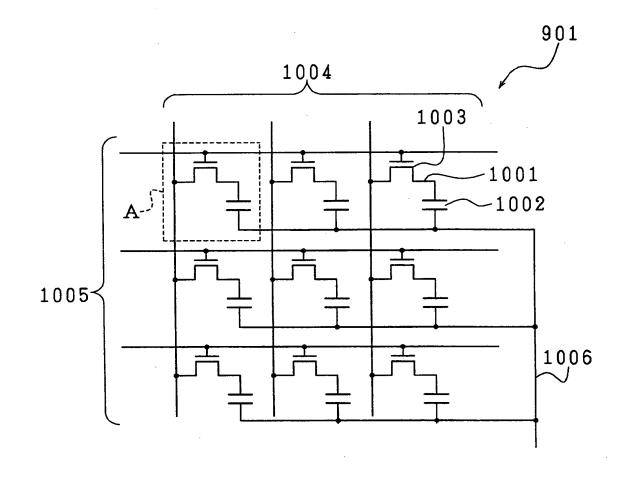


FIG. 15

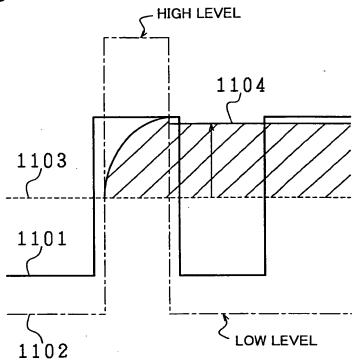


FIG. 16

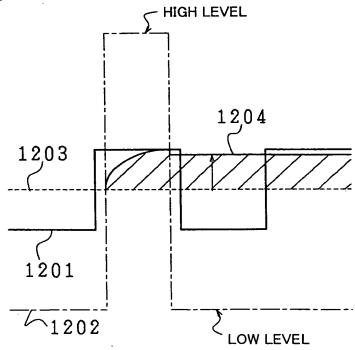


FIG. 17

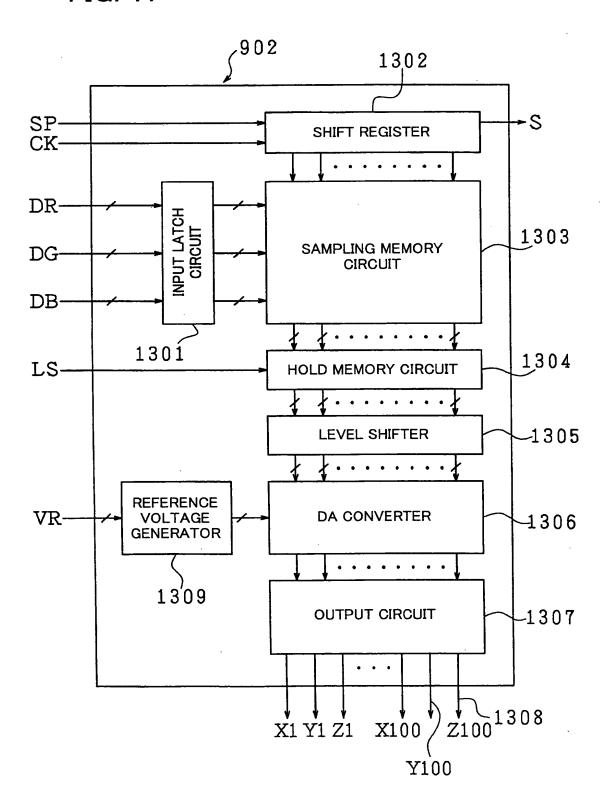


FIG. 18

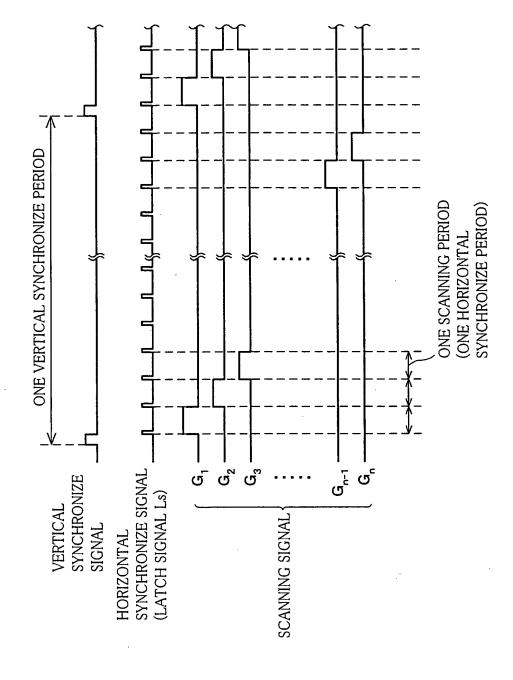


FIG.19 (a)

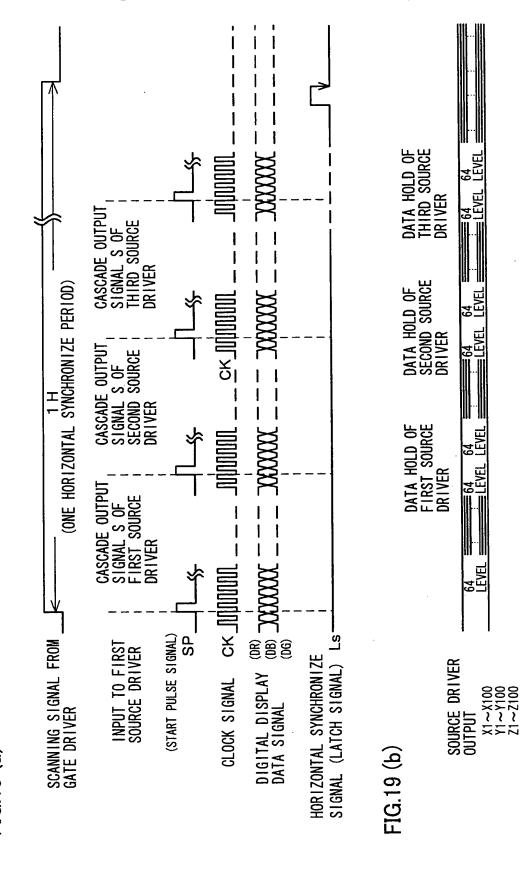


FIG. 20

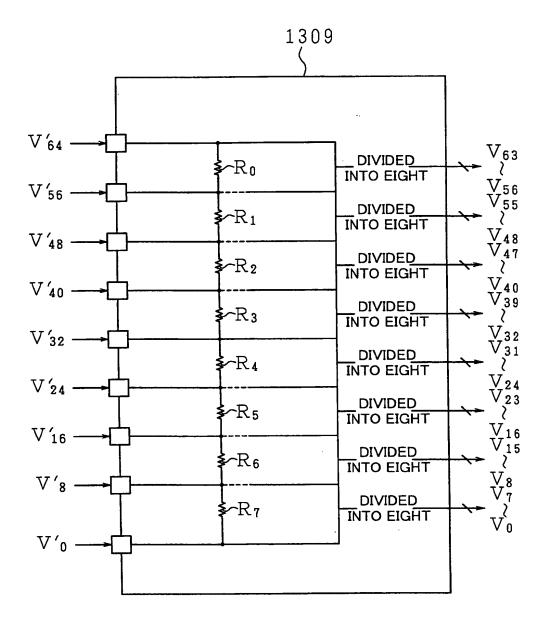


FIG. 21

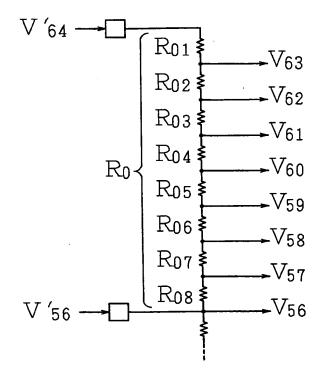


FIG. 22

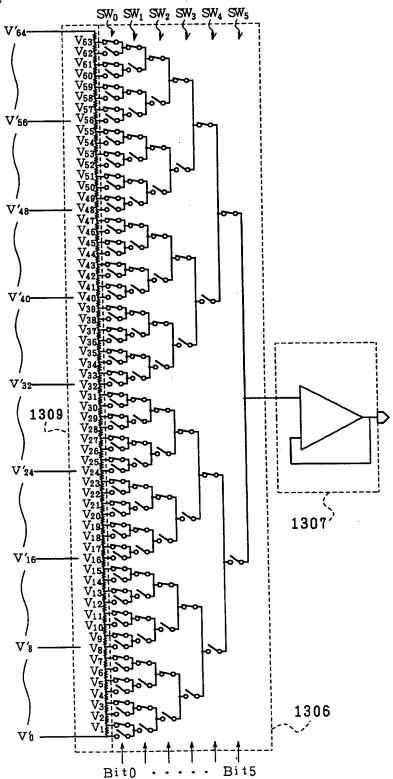


FIG. 23

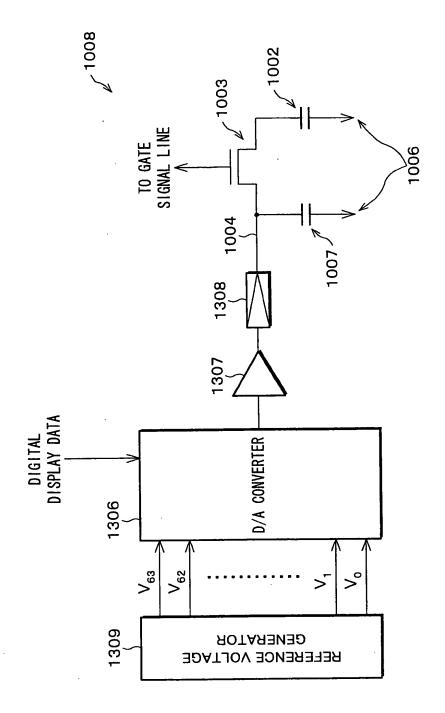


FIG. 24

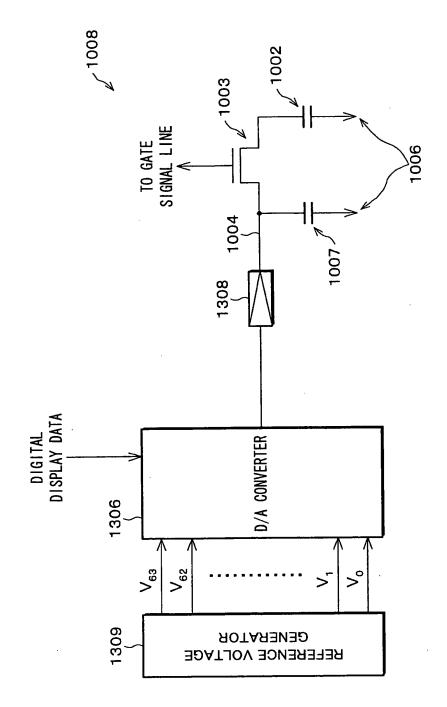


FIG. 25

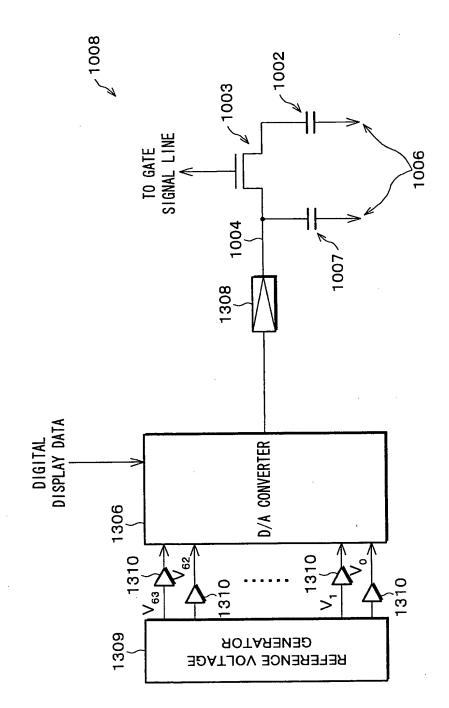


FIG. 26 (a)

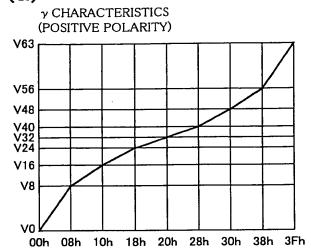


FIG. 26 (b)

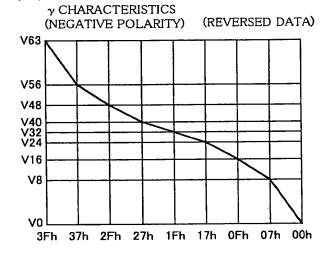
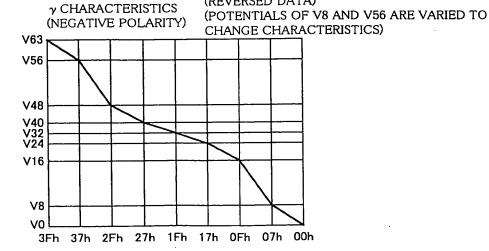


FIG. 26 (c)



(REVERSED DATA)

TO DA CONVERTER 36 41a, CONTROL CIRCUIT ANALOG SWITCH SECTION 38 SIGNAL CONTROL SIGNAL DIVIDED $V_{63} \sim V_{56}$ INTO $V_{63} \sim V_{56}$ EICHT DIVIDED $V_{31} \sim V_{24}$ INTO $V_{31} \sim V_{24}$ $V_{47} \sim V_{40}$ $V_{23} \sim V_{16}$ $V_{55} \sim V_{48}$ $V_{39} \sim V_{32}$ $V_{15} \sim V_8$ ر ^~`^ 302 ← CONTROL DIVIDED INTO EIGHT DIVIDED INTO EICHT DIVIDED INTO DIVIDED INTO EIGHT DIVIDED INTO EIGHT DIVIDED INTO NSW + NS œ œ Ω, ~ ~ <u>ک</u>ر ጂ ٣. <u>م</u> Α, DIVIDED DIVIDED INTO EIGHT 38A ۳, ^۰, ۳. آء R, ج ء . Σ ج, آة R, ج. ت

-1G. 27

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